Creating a User Defined Pneumonia Syndrome in DOD ESSENCE

Preventive Medicine Directorate User Guide
Sept 2013

NAVY AND MARINE CORPS PUBLIC HEALTH CENTER
PREVENTION AND PROTECTION START HERE
WWW.NMCPHC.MED.NAVY.MIL

Pneumonia Specific Syndrome

- NMCPHC retrospective analysis suggests that surveillance using a pneumonia specific syndrome can identify severe illness that may be associated with influenza.
- This targeted surveillance may be especially useful during influenza season, when clusters of severe illness can be lost in the background of high numbers of routine encounters for influenza like illness.
- Conducting routine surveillance with a user defined pneumonia specific syndrome may be useful to maintain awareness of severe respiratory illness within your area of responsibility.

Pneumonia Specific Codes

- Pneumonia-specific codes are those that fall between ICD9 480.0 (pneumonia due to adenovirus) and 487.0 (influenza with pneumonia) as well as 488.01 (influenza due to identified avian influenza virus with pneumonia).
- The following slides step through the process of creating a user defined syndrome in DOD ESSENCE.
- Contact your cognizant NEPMU if you have any questions. NEPMU contact information can be found at the end of this presentation and at the NMCPHC field activities page, http://go.usa.gov/D9dk. NEPMU staff can also assist with investigation support, risk assessment and obtaining definitive laboratory testing.

https://essence.csd.disa.mil/dmss/actions/EssenceMain

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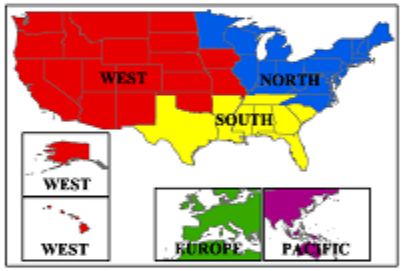
- User-Defined Sites
- User-Defined Syndromes (ICD9/CPT/GC3)
- User-Defined Syndromes (Chief Complaints)
- Alert Subscriptions
- Favorites

USA and Global

USACHPPM



AF-MAJCOM

TriCare

NAVMED

NAVMED-EAST
NAVMED-NCA
NAVMED-WEST

System Defined Site Selection: Select site

User Defined Site Selection: Select site

User Defined Site Selection Editor - Used to Add/Edit/Delete User Defined Sites

Metro

NAVMED

NAVMED

NAVMED-EAST
NAVMED-NCA
NAVMED-WEST

OCONUS

User Defined Syndrome Search

Click here for User Defined Syndromes (Chief Complaints)

New | Edit | Delete

Items 1-7

	User Defined Syndrome	Code	Active
○	24 Hour Reportables	011.03 011.04 011.13 011.14 011.15 011.2 011.20 011.21 011.22 011.24	Y
○	Chlamydia	099.5 099.51 099.52 099.59 099.41 099.53 099.56 099.50 099.54 099.55	Y
○	hantavirus	079.81	Y
		487.0 487.8	

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User Defined Syndrome
Add / Edit User Defined Syndromes
Syndrome Name : Pneumonia
Active : Active
Add ICD codes
Add GC3 codes
Add Laboratory Orders CPT codes
Add Radiology Orders CPT codes
Delete User Defined Syndrome Code(s)
Code
Type
Save
Cancel
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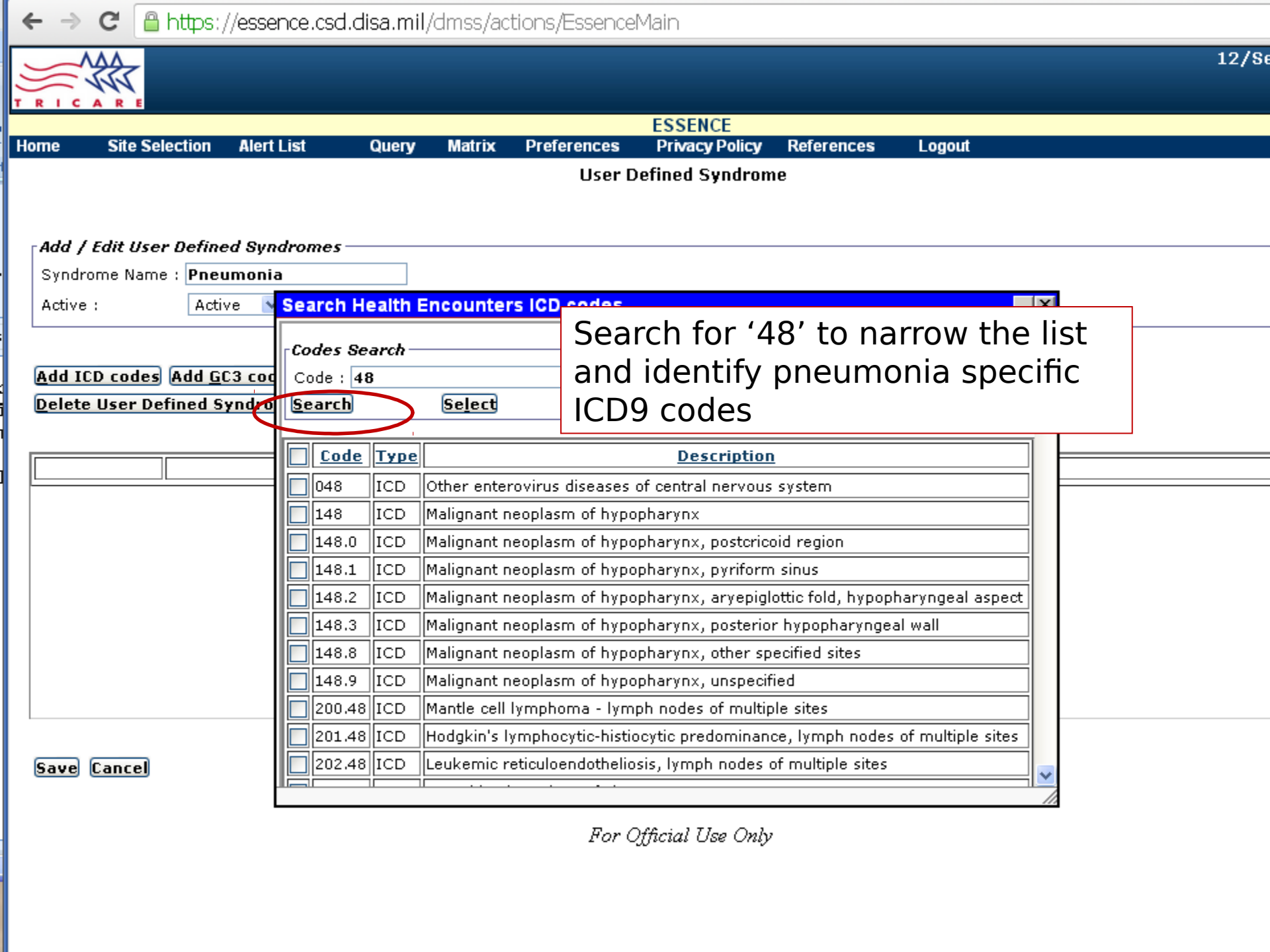
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User Defined Syndrome
Add / Edit User Defined Syndromes
Syndrome Name : Pneumonia
Active : Active
Add ICD codes
Add GC3 coc
Delete User Defined Syndro
Save
Cancel
Search Health Encounters ICD codes
Codes Search
Code : 48
Search
Select
Code
Type
Description
048 ICD Other enterovirus diseases of central nervous system
148 ICD Malignant neoplasm of hypopharynx
148.0 ICD Malignant neoplasm of hypopharynx, postcricoid region
148.1 ICD Malignant neoplasm of hypopharynx, pyriform sinus
148.2 ICD Malignant neoplasm of hypopharynx, aryepiglottic fold, hypopharyngeal aspect
148.3 ICD Malignant neoplasm of hypopharynx, posterior hypopharyngeal wall
148.8 ICD Malignant neoplasm of hypopharynx, other specified sites
148.9 ICD Malignant neoplasm of hypopharynx, unspecified
200.48 ICD Mantle cell lymphoma - lymph nodes of multiple sites
201.48 ICD Hodgkin's lymphocytic-histiocytic predominance, lymph nodes of multiple sites
202.48 ICD Leukemic reticuloendotheliosis, lymph nodes of multiple sites
Search for '48' to narrow the list and identify pneumonia specific ICD9 codes
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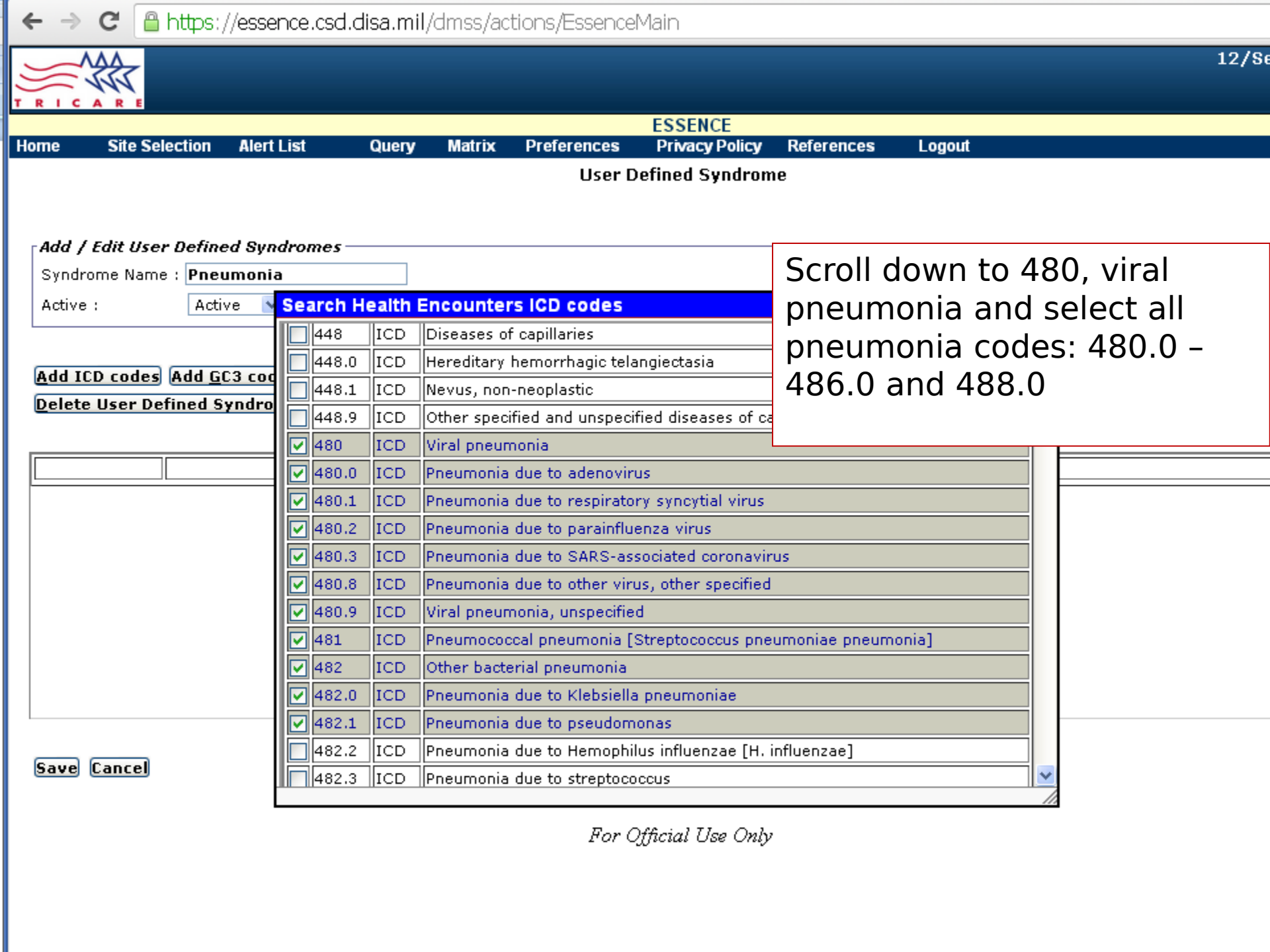
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User Defined Syndrome
Add / Edit User Defined Syndromes
Syndrome Name : Pneumonia
Active : Active
Add ICD codes
Delete User Defined Syndro
Search Health Encounters ICD codes
448 ICD Diseases of capillaries
448.0 ICD Hereditary hemorrhagic telangiectasia
448.1 ICD Nevus, non-neoplastic
448.9 ICD Other specified and unspecified diseases of ca
480 ICD Viral pneumonia
480.0 ICD Pneumonia due to adenovirus
480.1 ICD Pneumonia due to respiratory syncytial virus
480.2 ICD Pneumonia due to parainfluenza virus
480.3 ICD Pneumonia due to SARS-associated coronavirus
480.8 ICD Pneumonia due to other virus, other specified
480.9 ICD Viral pneumonia, unspecified
481 ICD Pneumococcal pneumonia [Streptococcus pneumoniae pneumonia]
482 ICD Other bacterial pneumonia
482.0 ICD Pneumonia due to Klebsiella pneumoniae
482.1 ICD Pneumonia due to pseudomonas
482.2 ICD Pneumonia due to Hemophilus influenzae [H. influenzae]
482.3 ICD Pneumonia due to streptococcus
Save
Cancel
Scroll down to 480, viral pneumonia and select all pneumonia codes: 480.0 – 486.0 and 488.0
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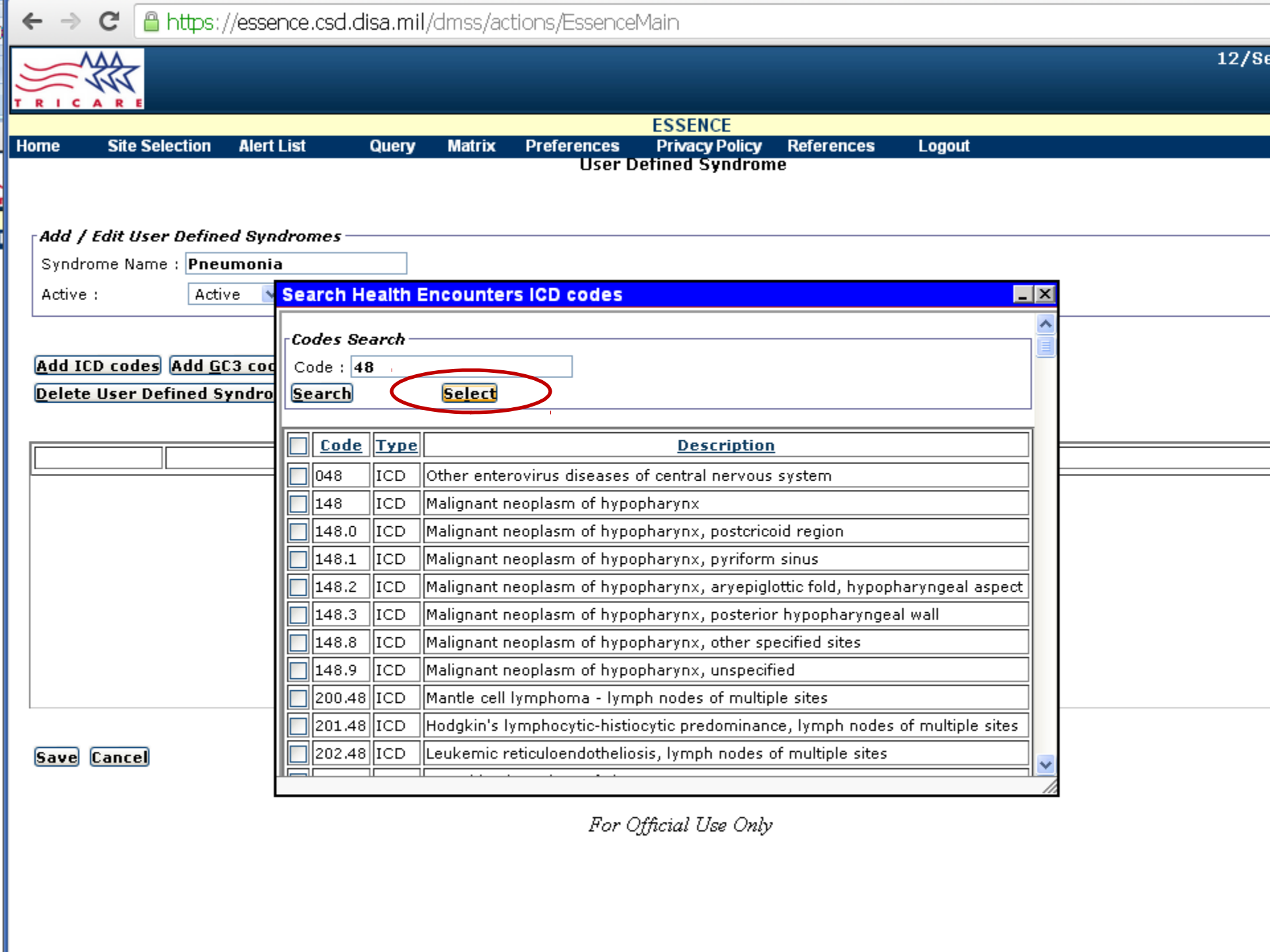
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Active :
Active
Add ICD codes
Add GC3 cod
Delete User Defined Syndro
Save
Cancel
Search Health Encounters ICD codes
Codes Search
Code : 48
Search
Select
Code
Type
Description
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User Defined Syndrome

Add / Edit User Defined Syndromes

Syndrome Name : **pneumonia1**

Active : Active

Add ICD codes **Add GC3 codes** **Add Laboratory Orders CPT codes** **Add Radiology Orders CPT codes**

Delete User Defined Syndrome Code(s)

	Code	Type
○	480.0	ICD
○	480.2	ICD
○	482.0	ICD
○	482.2	ICD
○	482.32	ICD
○	482.40	ICD
○	482.89	ICD
○	482.9	ICD

Save **Cancel**

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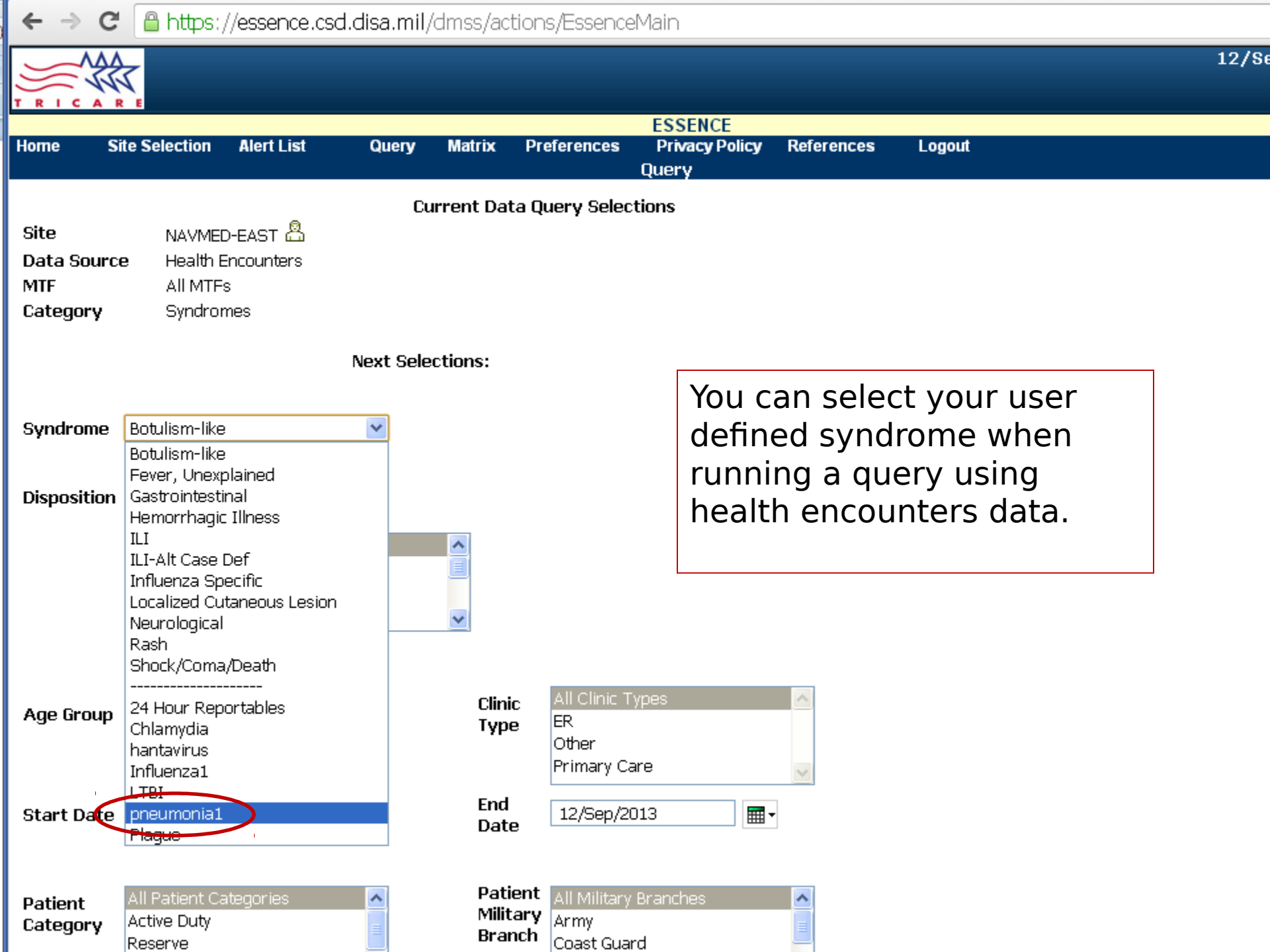
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Current Data Query Selections
Site
NAVMED-EAST
Data Source
Health Encounters
MTF
All MTFs
Category
Syndromes
Next Selections:
Syndrome
Botulism-like
Botulism-like
Fever, Unexplained
Gastrointestinal
Hemorrhagic Illness
ILI
ILI-Alt Case Def
Influenza Specific
Localized Cutaneous Lesion
Neurological
Rash
Shock/Coma/Death
---
24 Hour Reportables
Chlamydia
hantavirus
Influenza1
LTBI
pneumonia1
Plague
Disposition
Age Group
Start Date
Clinic Type
All Clinic Types
ER
Other
Primary Care
End Date
12/Sep/2013
Patient Category
All Patient Categories
Active Duty
Reserve
Patient Military Branch
All Military Branches
Army
Coast Guard
You can select your user defined syndrome when running a query using health encounters data.

Contacts

- NMCPHC Preventive Medicine Department
  - COMM: (757) 953-0700; DSN: (312) 377-0700
  - Email: NMCPHCPTS-threatassessment@med.navy.mil
- Navy Environmental and Preventive Medicine Units (NEPMU)
  - NEPMU2
    - COMM: (757) 953-6600; DSN: (312) 377-6600
    - Email: NEPMU2Norfolk-Threat-MedEpi@med.navy.mil
  - NEPMU5
    - COMM: (619) 556-7070; DSN (312) 526-7070
    - Email: HealthSurveillance@med.navy.mil
  - NEPMU6:
    - COMM: (808) 471-0237; DSN: (315) 471-0237
    - Email: NEPMU6@med.navy.mil
  - NEPMU7
    - COMM (international): 011-34-956-82-2230 (local: 727-2230); DSN: 94-314-727-2230
    - Email: NEPMU7@eu.navy.mil